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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/510,489	10/07/2004	Johannes Ruschkowski	4100-349PUS	1576

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NEW YORK, NY 10176

EXAMINER
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NGUYEN, ANTHONY H

ART UNIT	PAPER NUMBER
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2854

DATE MAILED: 01/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/510,489

Applicant(s)

RUSCHKOWSKI, JOHANNES

Examiner

Anthony H. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 October 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 7-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 7-9 and 12 is/are rejected.
- 7) ☒ Claim(s) 10 and 11 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 10/07/2004.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Drawings***

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the drive for driving the means for transporting (claim 1, line 7) must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

### ***Claim Rejections - 35 U.S.C. § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 7-9 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over Schuster et al. (US 6,694,879) in view of Görl (US 5,390,602).

With respect to claim 7, Schuster et al. teaches an erasing and cleaning apparatus for cleaning cylindrical surface 5 having a cassette 10 which includes means 3', 3'', 4 for transporting cleaning cloth 6, a positioning unit 20 having side walls 22a, 22b for receiving the cassette, a lateral guide including a carriage 23 and means 50 for

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moving the positioning unit 20 (Schuster et al., Figs.1, 2b and 3). Schuster et al. does not teach the coupling module for selectively coupling and decoupling the cassette from the apparatus. Görl teaches a cleaning apparatus having a coupling module 20,22 for coupling and decoupling the cleaning unit from the cleaning apparatus as shown in Figs.3b and 4b of Görl. In view of the teaching of Görl, it would have been obvious to one of ordinary skill in the art to modify the erasing and cleaning apparatus of Schuster et al. by providing coupling module as taught by Görl for quickly replacing of the cleaning cassette. With respect to claims 8 and 9, Figs.2a, 2b and 5 of Schuster et al. show the superstructure 22 for receiving the cassette and the carriage 23 which are moved via the rails or slides 50. Note that the use of two telescopically displaceable pairs of double rails and the hydraulic or pneumatic cylinder for moving a carriage is well known in the art. For example, Fig.5 of Schuster et al. shows the sliders or rails 50 and the position unit for moving the cassette 10 toward or away from the surfaces of cylinders 30,31, 40 and 41.

Claim 12 is rejected under 35 U.S.C. § 103 (a) as being unpatentable over Schuster et al. in view of Görl as applied to claims 7-9 above, and further in view of Sawaguchi et al. (US 4,986,182).

Schuster et al. and Görl teach all that is claimed, except the additional means including the spring-loaded shaft journals. Sawaguchi et al. teaches a cleaning apparatus having an additional means 46 and the spring-load shaft journals 36 which mount a spring 34 for securing a supply roll 26. The cleaning cloth 30 is fed from the supply roll to the take-up roller 28 via a take-up air cylinder or the means 46 and a

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cam element 58 as shown in Fig. 1 of Sawaguchi et al. In view of the teaching of Sawaguchi et al., it would have been obvious to one of ordinary skill in the art to modify the erasing and cleaning apparatus of Schuster et al. and Görl by providing additional means and the spring-loaded shaft journal as taught by Sawaguchi et al. to improve the efficiency of feeding a cleaning cloth for cleaning the surface of a cylinder.

### ***Allowable Subject Matter***

As presently advised it appears that claims 10 and 11 avoid the prior art but are objected to as depending from the rejected claims. These claims if properly rewritten in independent form and would be allowable.

The following is a statement of reasons for the indication of allowable subject matter: The prior art of record does not teach the coupling means which comprises a housing, the shaft journals being mounted in the housing by a spring loaded mounting and a transversely movable cam element for securing the shaft journal against the spring loaded force.

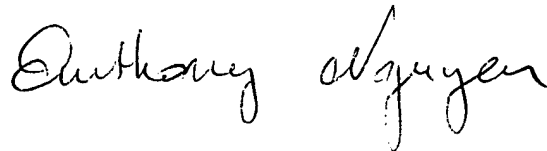
### ***Conclusion***

The patents to Corrado et al. (US 5,275,104 and 5,842,418) are cited to show other structures having obvious similarities to the claimed structure .

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anthony Nguyen whose telephone number is (571) 272-2169. The examiner can normally be reached daily from 9 AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld, can be reached on (571) 272-2168. The fax phone number for this Group is (571) 273-8300.

A handwritten signature in black ink that reads "Anthony Nguyen". The signature is written in a cursive, flowing style.

Anthony Nguyen  
01/06/06  
Patent Examiner  
Technology Center 2800